



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4000

|                             |                                       |              |                        |   |
|-----------------------------|---------------------------------------|--------------|------------------------|---|
| SERIAL NUMBER<br>10/710,001 | FILING DATE<br>06/11/2004<br><br>RULE | CLASS<br>438 | GROUP ART UNIT<br>2812 | ATTORNEY<br>DOCKET NO.<br>FIS920040044US1 |
|-----------------------------|---------------------------------------|--------------|------------------------|---|

## APPLICANTS

Renee T. Mo, White Plains, NY;

Shreesh Narasimha, Beacon, NY;

~~CONTINUING DATA~~ \*\*\*\*\*none

~~FOREIGN APPLICATIONS~~ \*\*\*\*\*none

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 10/18/2004

|  |                           |                        |                       |                            |
|--|---------------------------|------------------------|-----------------------|----------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no  | STATE OR<br>COUNTRY<br>NY | SHEETS<br>DRAWING<br>5 | TOTAL<br>CLAIMS<br>22 | INDEPENDENT<br>CLAIMS<br>3 |
| 35 USC 119 (a-d) conditions met<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after<br>allowance |                           |                        |                       |                            |
| Verified and<br>Acknowledged<br><i>Stanley Base SDF</i><br>Examiner's Signature Initials   |                           |                        |                       |                            |

## ADDRESS

32074  
 INTERNATIONAL BUSINESS MACHINES CORPORATION  
 DEPT. 18G  
 BLDG. 300-482  
 2070 ROUTE 52  
 HOPEWELL JUNCTION, NY  
 12533

## TITLE

Forming Shallow Trench Isolation Without the Use of CMP

|                            |   |   |
|----------------------------|---|---|
| FILING FEE<br><br>RECEIVED | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees   |
|                            |   | <input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) |